

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A computer-readable medium storing an executable having a data structure for managing playback control of a data stream by a reproducing device ~~the computer-readable medium~~, comprising:

a first navigation-area for storing an information file including a first playback indicator for managing a first playback of the computer-readable medium, the first playback indicator identifying a navigation command field, separate from the information file, for executing the ~~execution at first playback of the computer-readable medium~~, the first playback indicator indicating a name of ~~including a name for~~ the identified navigation command field;

a second area for, ~~the navigation area further~~ storing the identified navigation command field, the identified navigation command field including at least one navigation command for launching a ~~controlling playback of data corresponding to at least one playlist stored on the~~ ~~computer-readable medium~~;

a third area for storing the playlist launched by the navigation command, the playlist including a playitem interval in a clip of the data stream for the first playback; and

a fourth area storing the data stream.

2. (Cancelled)

3. (Previously Presented) The computer-readable medium of claim 1, wherein the first playback is when the computer-readable medium is first read.

4. – 5. (Cancelled)

6. (Previously Presented) The computer-readable medium of claim 1, wherein the information file is stored in main directory, which is a sub-directory of a root directory for the computer-readable medium.

7. (Previously Presented) The computer-readable medium of claim 6, wherein the first playback is when the computer-readable medium is first read.

8. – 11. (Cancelled)

12. (Currently Amended) A method of recording a data structure for managing playback control of a data stream~~computer-readable medium~~, comprising:

recording an information file in a first area of ~~[[on]]~~the computer-readable medium, the information file including a first playback indicator for managing a first playback of the computer-readable medium, the first playback indicator identifying a navigation command field, separate from the information file, for executing the ~~execution at first playback~~ of the computer-readable medium, the first playback indicator indicating a name of ~~including a name for the~~ identified navigation command field; ~~[[and]]~~

recording the identified navigation command field in a second area of ~~[[on]]~~the computer-readable medium, the identified navigation command field including at least one navigation command for launching a controlling playback of data corresponding to at least one playlist;

recording the playlist launched by the navigation command in a third area of ~~stored on~~ the computer-readable medium, the playlist including a playitem representing a playing interval in a clip of the data stream for the first playback; and

recording the data stream in a fourth area of the computer readable medium.

13. (Currently Amended) A method of reproducing a data structure for managing playback control of a data stream~~computer-readable medium~~, comprising:

reproducing an information file from a first area of the computer-readable medium, the information file including a first playback indicator for managing a first playback of the ~~computer-readable medium~~, the first playback indicator identifying a navigation command field, separate from the information file, for executing the ~~execution at first playback of the computer-~~ readable medium, the first playback indicator indicating a name of ~~including a name for the~~ identified navigation command field; and

reproducing the identified navigation command field in a second area of ~~from the~~ computer-readable medium, the identified navigation command field including at least one navigation command for launching a controlling playback of data corresponding to at least one playlist;

reproducing the playlist launched by the navigation command from a third area of stored
on the computer-readable medium, the playlist including a playitem representing a playing
interval in a clip of the data stream for the first playback; and
reproducing the data stream from a fourth area of the computer-readable medium.

14. (Currently Amended) An apparatus for recording a data structure for managing playback control of a computer-readable medium, comprising:

a pickup configured an optical recording device to record a data stream in a first area of
the on the computer-readable medium; and

a controller, operably coupled to the pickup, configured to control for controlling the
pickup optical recording device to record an information file in a second area of the on the
computer-readable medium, the information file including a first playback indicator for
managing a first playback of the computer-readable medium, the first playback indicator
identifying a navigation command field for executing the execution at first playback of the
computer-readable medium, the first playback indicator indicating a name of including a name
for the identified navigation command field; [[and]]the controller configured to control the
pickup controlling the optical recording device to record the identified navigation command field
in a third area of the on the computer-readable medium, the identified navigation command field
including at least one navigation command for launching a controlling playback of data
corresponding to at least one playlist; and the controller configured to store the playlist launched
by the navigation command in a fourth area of stored on the computer-readable medium, the
playlist representing a playing interval in a clip of the data stream for the first playback.

15. (Currently Amended) An apparatus for reproducing a data structure for managing playback control of a computer-readable medium, comprising:

a pickup configured to an optical reproducing device to reproduce a data stream recorded in a first area of the on the computer-readable medium;

a controller, operably coupled to the pickup, configured to control for controlling the pickup optical reproducing device to reproduce an information file from a second area of the computer-readable medium, the information file including a first playback indicator for managing a first playback of the computer-readable medium, the first playback indicator identifying a navigation command field for executing the execution at first playback of the computer-readable medium, the first playback indicator indicating a name of including a name for the identified navigation command field; [[and]]the controller configured to control the pickup controlling the optical reproducing device to reproduce the identified navigation command field from a third area of the computer-readable medium, the identified navigation command field including at least one navigation command for launching a controlling playback of data corresponding to at least one playlist; and the controller configured to reproduce the playlist launched by the navigation command from a fourth area of stored on the computer-readable medium, the playlist including a playitem representing a playing interval in a clip of the data stream for the first playback.

16. (Currently Amended) The computer-readable medium of claim 1, wherein the at least one navigation command field further includes navigation commands for is a plurality of commands including a command referencing a playlist and a command relating to at least one of

~~playback of data, initializing playback of the data stream data, and terminating playback of the data stream.~~

17. (Currently Amended) The method of claim 12, further comprising:

recording navigation commands for ~~wherein the at least one navigation command is a plurality of commands including a command referencing a playlist and a command relating to at least one of playback of data, initializing playback of the data stream data, and terminating playback of the data stream in the navigation command field.~~

18. (Currently Amended) The method of claim 13, further comprising:

reproducing navigation commands for ~~wherein the at least one navigation command is a plurality of commands including a command referencing a playlist and a command relating to at least one of playback of data, initializing playback of the data stream data, and terminating playback of the data stream from the navigation command field.~~

19. (Currently Amended) The apparatus of claim 14, wherein the controller is further configured to control the pickup to record navigation commands for ~~at least one navigation command is a plurality of commands including a command referencing a playlist and a command relating to at least one of playback of data, initializing playback of the data stream data, and terminating playback of the data stream in the navigation command field.~~

20. (Currently Amended) The apparatus of claim 15, wherein the controller is further configured to control the pickup to reproduce navigation commands for at least one navigation command is a plurality of commands including a command referencing a playlist and a command relating to at least one of playback of data, initializing playback of the data stream data, and terminating play back of the data stream from the navigation command field.